

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Xing SU et al.

Examiner

Serial No:

Group Art Unit:

Filing Date: Herewith

PRELIMINARY AMENDMENT

Title: COMPLEXITY MANAGEMENT
AND ANALYSIS OF GENOMIC
DNA

#5/Pac Am A

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

In the Specification:

On page 1 of the specification, please delete the title and insert therefor:

A1 Complexity Management and Analysis of Genomic DNA

At page 6, please delete the paragraph beginning on line 10 and insert the following paragraph:

An array comprises a solid support with nucleic acid probes attached to said support.

A2 Arrays typically comprise a plurality of different oligonucleotide probes that are coupled to a surface of a substrate in different known locations. These arrays, also described as "microarrays" or colloquially "chips" have been generally described in the art, for example, U.S. Pat. Nos. 5,143,854, 5445934, 5,744,305, 5,677,195 and PCT Patent Publication Nos. WO 90/15070 and 92/10092, each of which is incorporated by reference in its entirety for all purposes. These arrays may generally be produced using mechanical synthesis methods or light directed synthesis methods which incorporate a combination of photolithographic